

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

RECEIVED
N.C. Dept. of EHNH

DEC 4 1992

Winston-Salem
Regional Office

JAMES G. MARTIN
GOVERNOR

November 30, 1992

DIVISION OF HIGHWAYS

THOMAS J. HARRELSON
SECRETARY

WILLIAM G. MARLEY, JR., P.E.
STATE HIGHWAY ADMINISTRATOR

SER 801

Ms. Sherri Knight
Division of Environmental Management
8025 North Point Boulevard
Winston-Salem, NC 27106

REFERENCE: Tank Closure Reports
NCDOT, Reidsville and Graham

Dear Ms. Knight:

Enclosed are the closure reports for tanks removed at the Reidsville and Graham DOT facilities. In Reidsville, all analyses of soil samples were below 10 ppm TPH. In Graham, one soil sample collected under a heating oil tank contained 34 ppm TPH. A site sensitivity evaluation form was completed by Mr. Ron Willis, Division Operations Engineer. The SSE score is 22 which translates to a maximum cleanup level in soil of 60 ppm TPH. Based on this evaluation, the DOT proposes no further investigation at this site. If you have questions, please call Eric Motzno, P.G. at (919) 733-2220.

Sincerely,

John M. Burns, Jr., Director
Equipment and Inventory Control

JMB,jr/ss
Enclosures

cc: Ron Willis, P.E.
Division 7

(GW/UST-2)

Site Investigation Report For Permanent Closure or Change-in-Service of U.S.T.

FOR
TANKS
IN
NC

Return Completed Form To:

The appropriate DEM Regional Office according to the county of the facility's location.
[SEE MAP ON REVERSE SIDE OF OWNER'S COPY (PINK) FOR REGIONAL
OFFICE ADDRESS].

State Use Only

I.D. Number _____

Date Received _____

INSTRUCTIONS

Complete and return within (30) days following completion of site investigation.

I. Ownership of Tank(s)

NC Dept of Transportation

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

4809 Beryl Drive

Street Address

Wake

County

Raleigh NC 27606

City State Zip Code

(919) 733-2220

Area Code

Telephone Number

II. Location of Tank(s)

NC DOT

Facility Name or Company

D-024746

Facility ID # (if available)

RT 6 Box 87 (NC 65)

Street Address or State Road

Rockingham Reidsville 27320

County City Zip Code

(919) 634-5642

Area Code

Telephone Number

III. Contact Person

R.L. Willis Div. Operations Engr

Name

Job Title

(919) 334-3192

Telephone No. (Area Code)

Closure Contractor DOT (Self)

Lab (Name)

Gary Roberts DOT Raleigh

(Address)

(919) 733-3532

Telephone No. (Area Code)

(Name)

(Address)

Telephone No. (Area Code)

IV. U.S.T. Information

Tank No.	Size in Gallons	Tank Dimensions	Last Contents	Water In Excavation		Free Product		Notable Odor or Visible Soil Contamination	
				Yes	No	Yes	No	Yes	No
1	10000		Diesel		X		X		X
2	10000		Gasoline		X		X		X
3	10000		Gasoline		X		X		X

V. Excavation Condition

VI. Additional Information Required

See reverse side of pink copy (owner's copy) for additional information required by N.C. - DEM in the written report and sketch.

VII. Check List

Check the activities completed.

- ☒ Contact local fire marshal
☒ Notify DEM Regional Office before abandonment.
☒ Drain & flush piping into tank.
☒ Remove all product and residuals from tank
☒ Excavate down to tank.
☒ Clean and inspect tank.
☒ Remove drop tube, fill pipe, gauge pipe, vapor recovery tank connections, submersible pumps and other tank fixtures.
☒ Cap or plug all lines except the vent and fill lines.
☒ Purge tank of all product & flammable vapors.
☒ Cut one or more large holes in the tanks.
☒ Backfill the area.

Date Tank(s) Permanently closed: 10-29-92

Date of Change-in-Service: _____

ABANDONMENT IN PLACE

- ☐ Fill tank until material overflows tank opening;
☐ Plug or cap all openings;
☐ Disconnect and cap or remove vent line
☐ Solid inert material used - specify: _____

REMOVAL

- ☐ Create vent hole
☐ Label tank
☒ Dispose of tank in approved manner
 Final tank destination: See Attn.

VIII. Certification (Read and Sign)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Print name and official title of owner or owner's authorized representative

Signature

Date Signed

R.L. Willis Div Operations Engr

R.L. Willis

11-16-92

Page 1 of 1

Customer

Date 11/4/92

N.C. DOT c/o C.W. Little
P.O. Box 14946
Shelboro, NC 27415

Transported by:

N.C. DOT

[illegible]**Total Residue**

31099

Tanks were disposed in accordance with APR 1604, 1987 Removal and Disposal of Used Underground Petroleum Storage Tanks. Residue was disposed in accordance with U.S. EPA Regulations by licensed subcontractor. Lead free scrap steel was recycled by Limited Metal Recyclers on 10/22 + 29/92.

Shawn W. Young
SAFEWAY TANK DISPOSAL, INC.



Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

REPORT OF ANALYSES

NCDOT
4809 BERYL DRIVE
RALEIGH, NC 27606-
Attn: J. PARKER/E. MOTZNO

PROJECT NAME: ROCKINGHAM CO.
DATE: 11/04/92
YOUR REF/P.O.: # 645015

ROCKINGHAM COUNTY # 2.100938

SAMPLE NUMBER- 64789	SAMPLE ID- D-1
DATE SAMPLED- 10/19/92	SAMPLER- ERIC MOTZNO
DATE RECEIVED- 10/23/92	TIME RECEIVED- 1710
DELIVERED BY- D.M.C.	RECEIVED BY- GMM

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP ANALYSIS		TIME	BY	RESULT UNITS
		DATE	BY DATE			
HIGH FRACTION HYDROCARBON	3550	10/29/92	JBR 11/02/92		JBR	<1.0 mg/kg
LOW FRACTION HYDROCARBON	5030		10/29/92		JBR	<0.01 mg/kg

ANALYSES PER "GUIDELINES FOR REMEDIATION OF SOIL CONTAMINATED BY PETROLEUM", NCDEHNR, DEM, APPENDIX F, AUGUST, 1990.

LABORATORY DIRECTOR

Terrie Litzberger





Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

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RALEIGH, NC 27606-
Attn: J. PARKER/E. MOTZNO

PROJECT NAME: ROCKINGHAM CO.
DATE: 11/04/92
YOUR REF/P.O.: # 645015

ROCKINGHAM COUNTY # 2.100938

SAMPLE NUMBER- 64790
DATE SAMPLED- 10/19/92
DATE RECEIVED- 10/23/92
DELIVERED BY- D.M.C.

SAMPLE ID- D-2
SAMPLER- ERIC MOTZNO
TIME RECEIVED- 1710
RECEIVED BY- GMM

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP ANALYSIS		TIME	BY	RESULT UNITS
		DATE	BY DATE			
HIGH FRACTION HYDROCARBON	3550	10/29/92	JBR 11/02/92		JBR	<1.0 mg/kg
LOW FRACTION HYDROCARBON	5030		10/29/92		JBR	<0.01 mg/kg

ANALYSES PER "GUIDELINES FOR REMEDIATION OF SOIL CONTAMINATED BY PETROLEUM", NCDEHNR, DEM, APPENDIX F, AUGUST, 1990.

LABORATORY DIRECTOR

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FAX (919) 467-3515

REPORT OF ANALYSES

NCDOT
4809 BERYL DRIVE
RALEIGH, NC 27606-
Attn: J. PARKER/E. MOTZNO

PROJECT NAME: ROCKINGHAM CO.
DATE: 11/04/92
YOUR REF/P.O.: # 645015

ROCKINGHAM COUNTY # 2.100938

SAMPLE NUMBER-	64791	SAMPLE ID-	D-3
DATE SAMPLED-	10/19/92	SAMPLER-	ERIC MOTZNO
DATE RECEIVED-	10/23/92	TIME RECEIVED-	1710
DELIVERED BY-	D.M.C.	RECEIVED BY-	GMM

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP		ANALYSIS		TIME	BY	RESULT	UNITS
		DATE	BY	DATE					
HIGH FRACTION HYDROCARBON	3550	10/29/92	JBR	11/02/92			JBR	<1.0	mg/kg
LOW FRACTION HYDROCARBON	5030			10/29/92			JBR	<0.01	mg/kg

ANALYSES PER "GUIDELINES FOR REMEDIATION OF SOIL CONTAMINATED BY PETROLEUM", NCDEHNR, DEM, APPENDIX F, AUGUST, 1990.

LABORATORY DIRECTOR

Janie Litzberger





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REPORT OF ANALYSES

NCDOT
4809 BERYL DRIVE
RALEIGH, NC 27606-
Attn: J. PARKER/E. MOTZNO

PROJECT NAME: ROCKINGHAM CO.
DATE: 11/04/92
YOUR REF/P.O.: # 645015

ROCKINGHAM COUNTY # 2.100938

SAMPLE NUMBER- 64792
DATE SAMPLED- 10/19/92
DATE RECEIVED- 10/23/92
DELIVERED BY- D.M.C.

SAMPLE ID- G-1
SAMPLER- ERIC MOTZNO
TIME RECEIVED- 1710
RECEIVED BY- GMM

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS		BY	RESULT UNITS
		DATE	TIME		
LOW FRACTION HYDROCARBON	5030	10/29/92		JBR	0.03 mg/kg

TPH LOW IDENTIFIED AS GASOLINE AS PER "GUIDELINES FOR REMEDIATION OF SOIL CONTAMINATED BY PETROLEUM", NCDEHNR, DEM, APPENDIX F, AUGUST, 1990.

LABORATORY DIRECTOR

Terrie Litzberger





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REPORT OF ANALYSES

NCDOT
4809 BERYL DRIVE
RALEIGH, NC 27606-
Attn: J. PARKER/E. MOTZNO

PROJECT NAME: ROCKINGHAM CO.
DATE: 11/04/92
YOUR REF/P.O.: # 645015

ROCKINGHAM COUNTY # 2.100938

SAMPLE NUMBER- 64793
DATE SAMPLED- 10/19/92
DATE RECEIVED- 10/23/92
DELIVERED BY- D.M.C.

SAMPLE ID- G-2
SAMPLER- ERIC MOTZNO
TIME RECEIVED- 1710
RECEIVED BY- GMM

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME BY	RESULT UNITS
LOW FRACTION HYDROCARBON	5030	10/29/92	JBR	0.19 mg/kg

TPH LOW IDENTIFIED AS GASOLINE AS PER "GUIDELINES FOR REMEDIATION OF SOIL CONTAMINATED BY PETROLEUM", NCDEHNR, DEM, APPENDIX F, AUGUST, 1990.

LABORATORY DIRECTOR

Terrie Litzberger





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REPORT OF ANALYSES

NCDOT
4809 BERYL DRIVE
RALEIGH, NC 27606-
Attn: J. PARKER/E. MOTZNO

PROJECT NAME: ROCKINGHAM CO.
DATE: 11/04/92
YOUR REF/P.O.: # 645015

ROCKINGHAM COUNTY # 2.100938

SAMPLE NUMBER- 64794
DATE SAMPLED- 10/19/92
DATE RECEIVED- 10/23/92
DELIVERED BY- D.M.C.

SAMPLE ID- G-3
SAMPLER- ERIC MOTZNO
TIME RECEIVED- 1710
RECEIVED BY- GMM

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS		BY	RESULT	UNITS
		DATE	TIME			
LOW FRACTION HYDROCARBON	5030	10/30/92		JBR	0.56	mg/kg

TPH LOW IDENTIFIED AS GASOLINE AS PER "GUIDELINES FOR REMEDIATION OF SOIL CONTAMINATED BY PETROLEUM", NCDEHNR, DEM, APPENDIX F, AUGUST, 1990.

LABORATORY DIRECTOR

Eric Motzno





Chemical & Environmental Technology, Inc.

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FAX (919) 467-3515

REPORT OF ANALYSES

NCDOT
4809 BERYL DRIVE
RALEIGH, NC 27606-
Attn: J. PARKER/E. MOTZNO

PROJECT NAME: ROCKINGHAM CO.
DATE: 11/04/92
YOUR REF/P.O.: # 645015

ROCKINGHAM COUNTY # 2.100938

SAMPLE NUMBER- 64795
DATE SAMPLED- 10/19/92
DATE RECEIVED- 10/23/92
DELIVERED BY- D.M.C.

SAMPLE ID- G1A
SAMPLER- ERIC MOTZNO
TIME RECEIVED- 1710
RECEIVED BY- GMM

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS
		DATE	TIME	BY	
LOW FRACTION HYDROCARBON	5030	10/30/92		JBR	<0.01 mg/kg

ANALYSES AS PER "GUIDELINES FOR REMEDIATION
OF SOIL CONTAMINATED BY PETROLEUM", NCDEHNR, DEM,
APPENDIX F, AUGUST, 1990.

LABORATORY DIRECTOR

Julie Litzberger





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FAX (919) 467-3515

REPORT OF ANALYSES

NCDOT
4809 BERYL DRIVE
RALEIGH, NC 27606-
Attn: J. PARKER/E. MOTZNO

PROJECT NAME: ROCKINGHAM CO.
DATE: 11/04/92
YOUR REF/P.O.: # 645015

ROCKINGHAM COUNTY # 2.100938

SAMPLE NUMBER- 64796
DATE SAMPLED- 10/19/92
DATE RECEIVED- 10/23/92
DELIVERED BY- D.M.C.

SAMPLE ID- G2A
SAMPLER- ERIC MOTZNO
TIME RECEIVED- 1710
RECEIVED BY- GMM

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME BY	RESULT UNITS
LOW FRACTION HYDROCARBON	5030	10/30/92	JBR	<0.01 mg/kg

ANALYSES AS PER "GUIDELINES FOR REMEDIATION
OF SOIL CONTAMINATED BY PETROLEUM", NCDEHNR, DEM,
APPENDIX F, AUGUST, 1990.

LABORATORY DIRECTOR

Julie Litzberger





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FAX (919) 467-3515

REPORT OF ANALYSES

NCDOT
4809 BERYL DRIVE
RALEIGH, NC 27606-
Attn: J. PARKER/E. MOTZNO

PROJECT NAME: ROCKINGHAM CO.
DATE: 11/04/92
YOUR REF/P.O.: # 645015

ROCKINGHAM COUNTY # 2.100938

SAMPLE NUMBER- 64797
DATE SAMPLED- 10/19/92
DATE RECEIVED- 10/23/92
DELIVERED BY- D.M.C.

SAMPLE ID- G3A
SAMPLER- ERIC MOTZNO
TIME RECEIVED- 1710
RECEIVED BY- GMM

Page 1 of 1

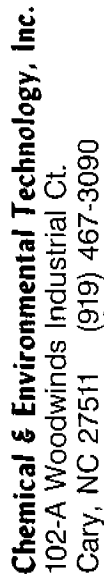
ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
LOW FRACTION HYDROCARBON	5030	10/30/92		JBR	<0.01 mg/kg

ANALYSES AS PER "GUIDELINES FOR REMEDIATION
OF SOIL CONTAMINATED BY PETROLEUM", NCDEHNR, DEM,
APPENDIX F, AUGUST, 1990.

LABORATORY DIRECTOR

Julie Lotzberger

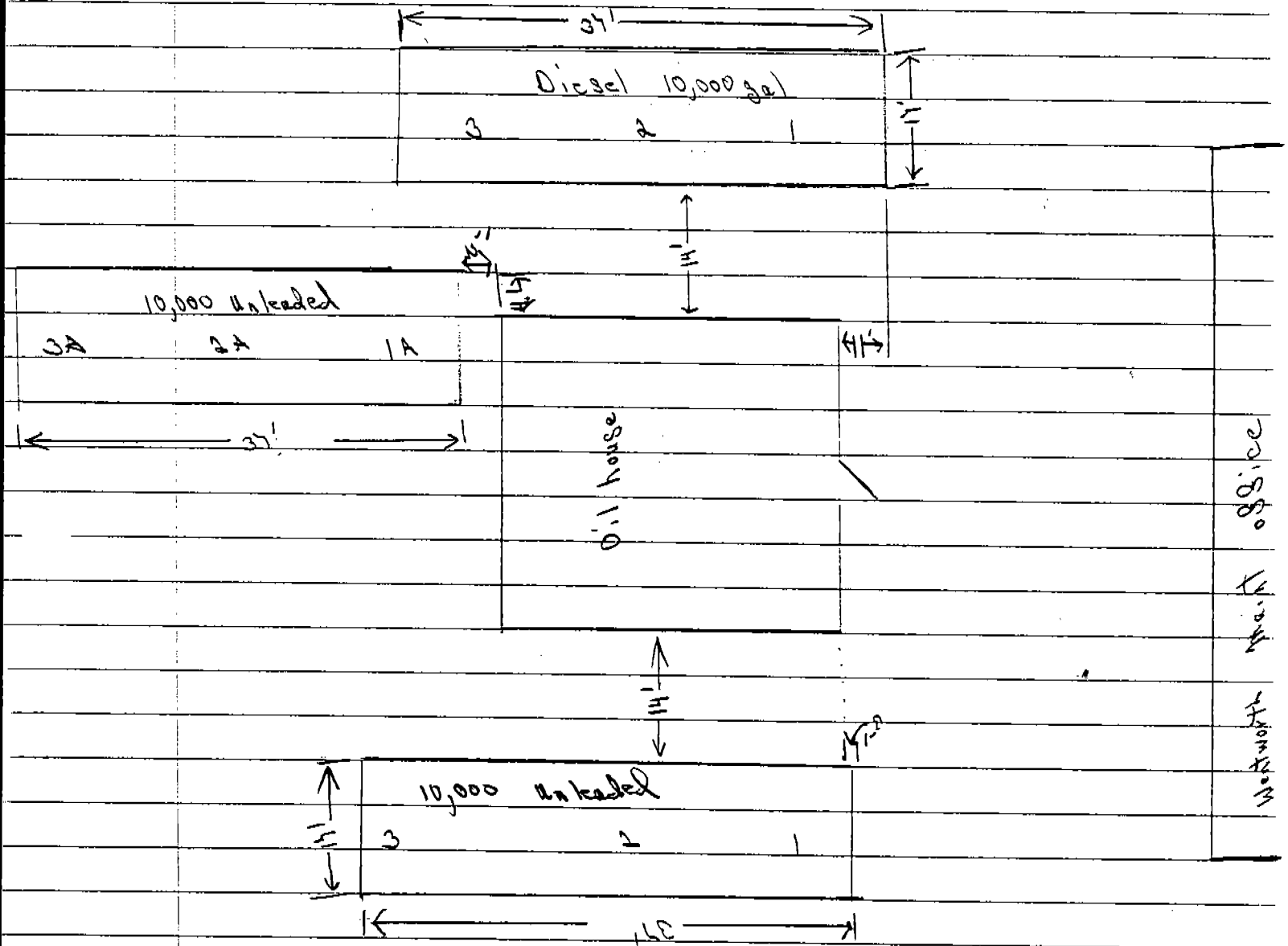




ANALYSES REQUIRED

[illegible]

Sample of Diesel Taken 10-19-92



Rockingham County, Div-7
West North Maint Yard
Tank Removal
Billy Stanfield

(GW/UST-3)

Notice of Intent: UST Permanent Closure or Change-In-Service

FOR
TANKS
IN
NC

Return Completed Form To:

The appropriate DEM Regional Office according to the county of the facility's location. [SEE REVERSE SIDE OF OWNER'S COPY (PINK) FOR REGIONAL OFFICE ADDRESS].

State Use Only

I. D. Number _____

Date Received _____

INSTRUCTIONS

Complete and return thirty (30) days prior to closure or change-in-service.

I. OWNERSHIP OF TANK(S)

Tank Owner Name: NC Dept of Trans

(Corporation, Individual, Public Agency, or Other Entity)

Street Address: 4809 Bengl DriveCounty: WakeCity: Raleigh State: NC Zip Code: 27606Tele. No. (Area Code): (919) 733-2220

II. LOCATION OF TANK(S)

Facility Name or Company NC DOTFacility ID # (if available) 0-024746Street Address or State Road: Rt 8 Box 87County: Rockingham City: Reidsville Zip Code: 27320Tele. No. (Area Code): 919 349 7560

III. CONTACT PERSON

Name: RL Willis Job Title: Div Op Engr Telephone Number: (919) 334-3192

IV. TANK REMOVAL, CLOSURE IN PLACE, CHANGE-IN-SERVICE

1. Contact Local Fire Marshall.
2. Plan the entire closure event.
3. Conduct Site Soil Assessments.
4. If Removing Tanks or Closing in Place refer to API Publications: 2015 "Cleaning Petroleum Storage Tanks" & 1604 "Removal & Disposal of Used Underground Petroleum Storage Tanks".

5. Provide a sketch locating piping, tanks and soil sampling locations.
6. Fill out form GW/UST-2 "Site Investigation Report for Permanent Closure" and return within 30 days following the site investigation.
7. Keep records for 3 years.

V. WORK TO BE PERFORMED BY:

(Contractor) Name: NC DOT

Address: _____ State: _____ Zip Code: _____

Contact: _____ Phone: _____

VI. TANK(S) SCHEDULED FOR CLOSURE OR CHANGE-IN-SERVICE

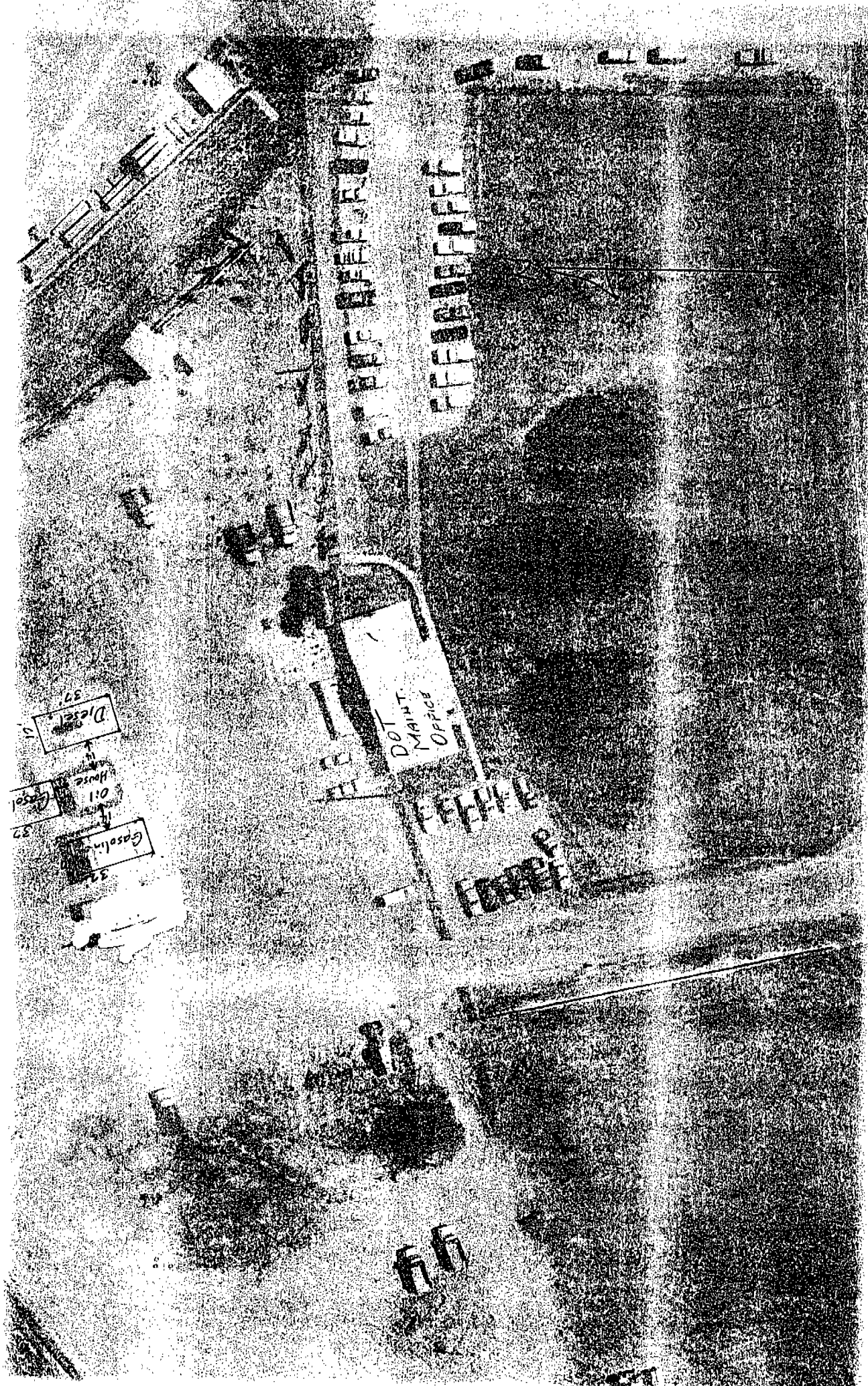
TANK ID#	TANK CAPACITY	LAST CONTENTS	PROPOSED ACTIVITY		
			CLOSURE	CHANGE-IN-SERVICE	
			Removal	Abandonment In Place	New Contents Stored
<u>1</u>	<u>10000</u>	<u>Gasoline Empty Since Jan 92</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<u>2</u>	<u>10000</u>	<u>Gasoline " " Jan 92</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<u>3</u>	<u>10000</u>	<u>Gasoline " " Jan 92</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	

VII. OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE

Print name and official title:

RL Willis Division Operations Engineer *Scheduled Removal Date: 4-20-92Signature: RL WillisDate Submitted: 3-19-92

*If scheduled work date changes, notify your appropriate DEM Regional Office 48 hours prior to originally scheduled date.



57
Diesel

House
0.1
Gasol

57
Gasoline

JOINT
MAINT
OFFICE

FEDERAL